

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Amended) A vinyl halide film comprising (A) at least one vinyl halide polymer, (B) at least one non-halogenated polymeric plasticizer and (C) at least one second plasticizer, wherein the vinyl halide polymer (A) comprises a major amount of the polymers of the film and wherein the film has an elongation of at least about 50% and a thickness from about 1 to about 20 mils.
2. (Original) The film of claim 1 wherein (A) is a homopolymer or copolymer of at least one vinyl chloride.
3. (Original) The film of claim 1 wherein (A) is at least one polyvinyl chloride.
4. (Original) The film of claim 1 wherein the non-halogenated polymeric plasticizer (B) is a natural or synthetic rubber.
5. (Original) The film of claim 1 wherein (B) is a polybutadiene rubber, a polyisoprene rubber, a styrene-butadiene rubber, a styrene-isoprene rubber, a nitrile rubber, a butyl rubber, an ethylene-propylene terpolymer, a silicone rubber, a polyacrylate rubber, an epichlorohydrin rubber, a fluoroelastomer, or a polyurethane.
6. (Original) The film of claim 1 wherein (B) is a nitrile rubber.
7. (Original) The film of claim 1 wherein (B) is present in an amount of less than 40 parts per hundred parts of (A).
8. (Original) The film of claim 1 further comprising at least one pigment.

9. (Original) The film of claim 1 wherein (C) is present in an amount from about 20 to about 85 parts per hundred parts of (A).

10. (Original) A vinyl halide film comprising (A) at least one polyvinyl chloride, (B) at least one non-halogenated rubber polymeric plasticizer and (C) at least one second plasticizer, wherein the film has an elongation of at least about 50%.

11. (Original) The film of claim 10 wherein (B) is a nitrile rubber.

12. (Original) The film of claim 10 wherein (B) is present in an amount of less than 25 parts per hundred parts of (A).

13. (Original) The film of claim 10 further comprising at least one pigment.

14. (Original) The film of claim 10 wherein (C) is present in an amount from about 30 to about 75 parts per hundred parts of (A).

15. (Original) An adhesive article comprising a pressure sensitive adhesive layer having a first and second surface, and a vinyl halide film adhered to the first surface of the adhesive layer, wherein the vinyl halide film comprises (A) at least one vinyl halide polymer, (B) at least one non-halogenated polymeric plasticizer and (C) at least one second plasticizer, wherein the adhesive article has an elongation of at least about 50%.

16. (Original) The adhesive article of claim 15 wherein the vinyl halide polymer (A) is a homopolymer or copolymer of at least one vinyl chloride.

17. (Original) The adhesive article of claim 15 wherein (A) is at least one polyvinyl chloride.

18. (Original) The adhesive article of claim 15 wherein the non-halogenated polymeric plasticizer (B) is a natural or synthetic rubber.

19. (Original) The adhesive article of claim 15 wherein (B) is a polybutadiene rubber, a polyisoprene rubber, a styrene-butadiene rubber, a styrene-isoprene rubber, a nitrile rubber, a butyl rubber, an ethylene-propylene terpolymer, a silicone rubber, a polyacrylate rubber, an epichlorohydrin rubber, a fluoroelastomer, or a polyurethane.

20. (Original) The adhesive article of claim 15 wherein (B) is at least one nitrile rubber.

21. (Original) The adhesive article of claim 15 further comprising at least one pigment.

22. (Previously Amended) A plastisol, useful for preparing vinyl halide films, comprising (A) at least one vinyl halide polymer, (B) at least one non-halogenated polymeric plasticizer, (C) at least one second plasticizer, and (D) at least one aromatic solvent.

23. (Previously Amended) The plastisol of claim 22 wherein (A) is polyvinyl chloride and (B) is a non-halogenated rubber polymeric plasticizer.

24. (Previously Amended) The plastisol of claim 22 further comprising (E) at least one pigment.

25. (Original) The film of claim 1 wherein (B) is liquid.

26. (Withdrawn) The film of claim 1 wherein (B) is an ethylene-alpha-olefin rubber, a block copolymer of a vinyl aromatic monomer and a conjugated diene or functionalized derivative thereof, a block copolymer of a polyalkylene terephthalate and a polyalkylene ether, a polyether or polyester block polyamide elastomer, a copolymer

or a terpolymer of ethylene or propylene and a functional monomer selected from alkyl acrylate, acrylic acid, alkyl acrylic acid, and combinations of two or more thereof, an ethylene acid copolymer, a homopolymer or copolymer of vinyl acetate, an ethylene vinyl acrylate terpolymer, a terpolymer of an olefin, a comonomer selected from acrylic acids or esters, methacrylic acids and esters and vinyl acetates, and carbon monoxide, or mixtures of two or more thereof.

27. (Withdrawn) The film of claim 1 wherein (B) is a terpolymer of (a) an olefin, (b) a comonomer selected from acrylic acids or esters, methacrylic acids and esters, and vinyl acetates, and (c) carbon monoxide.

28. (Original) The film of claim 10 wherein (B) is liquid.

29. (Original) The adhesive article of claim 15 wherein (B) is liquid.

30. (Withdrawn) The adhesive article of claim 15 wherein (B) is an ethylene-alpha-olefin rubber, a block copolymer of a vinyl aromatic monomer and a conjugated diene or functionalized derivative thereof, a block copolymer of a polyalkylene terephthalate and a polyalkylene ether, a polyether or polyester block polyamide elastomer, a copolymer or a terpolymer of ethylene or propylene and a functional monomer selected from alkyl acrylate, acrylic acid, alkyl acrylic acid, and combinations of two or more thereof, an ethylene acid copolymer, a homopolymer or copolymer of vinyl acetate, an ethylene vinyl acrylate terpolymer, a terpolymer of an olefin, a comonomer selected from acrylic acids or esters, methacrylic acids and esters and vinyl acetates, and carbon monoxide, or mixtures of two or more thereof.

31. (Withdrawn) The adhesive article of claim 15 wherein (B) is a terpolymer of (a) an olefin, (b) a comonomer selected from acrylic acids or esters, methacrylic acids and esters, and vinyl acetates, and (c) carbon monoxide.

32. (Withdrawn) The film of claim 1 wherein (B) further comprises a linear low density polyethylene or a low density polyethylene.

33. (Withdrawn) The film of claim 10 wherein (B) further comprises a linear low density polyethylene or a low density polyethylene.

34. (Withdrawn) The adhesive article of claim 15 wherein (B) further comprises a linear low density polyethylene or a low density polyethylene.

35. (Withdrawn) A vinyl halide film comprising (A) at least one polyvinyl chloride, (B) at least one terpolymer of (a) an olefin, (b) a comonomer selected from acrylic acids or esters, methacrylic acids or esters, and vinyl acetates, and (c) carbon monoxide, and (C) at least one second plasticizer, wherein the film has an elongation of at least about 50%.

36. (Withdrawn) The film of claim 35 wherein (B) is a terpolymer of ethylene, an acrylic ester or vinyl acetate, and carbon monoxide.